

1. An image sensing system comprising:

an image sensing unit for sensing the image of a subject and outputting image data representing the image of the subject;

5 a volatile memory for temporarily storing the image data output from said image sensing unit;

a first display controller for controlling the display unit in such a manner that the image of the subject represented by the image data that has been stored in said volatile memory is displayed on a display screen;

10 a zoom-area designating unit for designating a zoom area in the image of the subject being displayed on the display screen; and

15 a recording controller for recording, on a recording medium, image data, which is contained in the image data output from said image sensing device, representing an image within the area designated by said zoom-area designating unit.

20 2. The system according to claim 1, further comprising a second display controller for controlling said display unit in such a manner that an image within the zoom area designated by said zoom-area designating unit is displayed on the display screen as an image of one frame.

25 3. The system according to claim 2, further comprising a zoom unit for applying zoom processing to image data representing the image within the zoom area designated

by said zoom-area designating unit;

wherein said second display control unit controls
said display unit in such a manner that a zoom image
represented by the image data to which zoom processing
5 has been applied by said zoom unit is displayed on the
display screen as an image of one frame.

4. The system according to claim 3, further comprising:

a brightness determination unit for determining
whether the image within the zoom area designated by
10 said zoom-area designating unit has suitable brightness;
and

a brightness adjustment unit, responsive to a
determination by said brightness determination unit that
the image within the zoom area does not have suitable
15 brightness, for adjusting luminance level of the image
within the zoom area in such a manner that the image
within the zoom area takes on a suitable brightness.

5. An image sensing system comprising:

an image sensing unit for sensing the image of a
20 subject and outputting image data representing the image
of the subject;

a first display controller for controlling a
display unit in such a manner that an image represented
by the image data output from said image sensing unit is
25 displayed on a display screen;

a zoom-area designating unit for designating a zoom
area in the image of the subject being displayed on the
display screen;

2010 RELEASE UNDER E.O. 14176

a zoom unit for applying zoom processing to image data representing the image within the zoom area designated by said zoom-area designating unit;

a brightness determination unit for determining

5 whether the image within the zoom area designated by said zoom-area designating unit has suitable brightness;

an adjustment unit, responsive to a determination by said brightness determination unit that the image within the zoom area does not have suitable brightness,

10 for adjusting luminance level of the image data output from said image sensing unit in such a manner that the image within the zoom area will take on a suitable brightness; and

15 a second display controller for controlling said display unit in such a manner that a zoom image represented by the image data whose brightness has been adjusted by the adjustment unit is displayed on the display screen.

6. The system according to claim 5, further comprising:

20 a third display controller for controlling said display unit so as to display the zoom area on the display screen; and

a designating unit for designating the size of the zoom area;

25 wherein said recording controller records image data, which represents an image within a zoom area having a size conforming to the designation made by said designating unit, on a recording medium.

PCT/KR2003/000660

7. A method of controlling operation of an image sensing system, comprising the steps of:

sensing the image of a subject and obtaining image data representing the image of the subject;

5 temporarily storing the obtained image data in a volatile memory;

displaying the image of the subject, which is represented by the image data that has been stored in the volatile memory, on a display screen of a display unit;

10 designating a zoom area in the image of the subject being displayed on the display screen; and

recording, on a recording medium, image data, which is contained in the image data obtained by image

15 sensing, representing an image within the designated area.

8. A method of controlling operation of an image sensing system, comprising the steps of:

sensing the image of a subject and obtaining image data representing the image of the subject;

displaying an image represented by the obtained image data on a display screen;

applying zoom processing to image data, which represents an image within a zoom area, in the image of 25 the subject being displayed on the display screen;

determining whether the image within the zoom area has suitable brightness;

adjusting luminance level of the image data

obtained by image sensing, in such a manner that the image within the zoom area will take on a suitable brightness, in response to a determination that the image within the zoom area does not have suitable

5 brightness; and

displaying a zoom image, which is represented by the image data whose brightness level has been adjusted, on the display screen.

© 2024 by the author. All rights reserved.